

ABSTRACT OF THE DISCLOSURE

A multi-jack detector for detecting states of a plurality of jacks. Each jack comprises a first switch having a first normally closed terminal and a first output terminal. The multi-jack detector comprises a plurality of bias resistors each
5 coupled to one of the first output terminals, respectively; a control unit for determining the states of the plurality of jacks; wherein the first normally closed terminals are commonly coupled to a first node and the control unit determines the states of the plurality of jacks according to a voltage at the first node. Because the voltage at the first node is different for each state of the jacks, the detector can
10 detects the states of the jacks using a single I/O pin.